

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 09/981,182
 Filing Date October 16, 2001
 First Named Inventor John Schnitzlein
 Art Unit 2131
 Examiner Name Moorthy, A.
 Examiner Docket Number 50325-0560

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AM/		US-5,572,528	11-1996	Shuen	
/AM/		US-6,172,986	1-2001	Watanuki et al.	
/AM/		US-6,233,616	5-2001	Reid	
/AM/		US-6,601,093	7-2003	Peters	
/AM/		US-6,667,971	12-2003	Modarressi et al.	
/AM/		US-6,621,297	4-2004	Korus et al.	
/AM/		US-6,804,720	10-2004	Vilander et al.	
/AM/		US-6,879,574	4-2005	Naghian et al.	
/AM/		US-6,912,205	6-2005	Perlman et al.	
/AM/		US-6,915,345	7-2005	Tummala et al.	
/AM/		US-6,947,400	9-2005	Heller	
/AM/		US-6,959,009	10-2005	Asokan et al.	
/AM/		US-6,973,086	12-2005	Patil et al.	
/AM/		US-7,069,344	6-2006	Carolan et al.	
/AM/		US-7,139,828	11-2006	Alkhatib et al.	
/AM/		US-7,143,435	11-2006	Droms et al.	
/AM/		US-7,154,891	12-2006	Callon	
/AM/		US-7,171,198	1-2007	Paila et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵

Examiner
Signature

/Aravind Moorthy/

Date
Considered

12/04/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST-3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Application Number 09/981,182
Filing Date October 16, 2001
First Named Inventor John Schnizlein
Art Unit 2131
Examiner Name Moorthy, A.
Attorney Docket Number 50325-0560

Sheet 2

of 3

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/AM/		US-7,171,475	1-2007	Weisman et al.	
/AM/		US-7,266,090	9-2007	Sawada et al.	
/AM/		US-7,286,671	10-2007	Yegin et al.	
/AM/		US-7,328,014	2-2008	Takeda et al.	
/AM/		US-7,385,981	6-2008	Choi et al.	
/AM/		US-2001/0017856	8-2001	Asokan	
/AM/		US-2001/0048686	12-2001	Takeda et al.	
/AM/		US-2001/0049729	12-2001	Carolan et al.	
/AM/		US-2002/0006133	1-2002	Kakemizu et al.	
/AM/		US-2002/0112058	8-2002	Weisman et al.	
/AM/		US-2002/0199104	12-2002	Kakemizu et al.	
/AM/		US-2003/0028763	2-2003	Malinen et al.	
/AM/		US-2003/0081578	5-2003	White et al.	
/AM/		US-2003/0171112	9-2003	Lupper et al.	
/AM/		US-2003/0235175	12-2003	Naghian et al.	
/AM/		US-2004/0052216	3-2004	Roh	
/AM/		US-2004/0072557	4-2004	Palila et al.	
/AM/		US-2004/0137888	7-2004	Ohki	

Examiner/ Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [†]
		Country Code ² Number ³ Kind Code ² (# known)				

Examiner Signature	/Aravind Moorthy/
-----------------------	-------------------

Date Considered	12/04/2008
-----------------	------------

EXAMINER Initial reference considered, whether or not citation in compliance with MPEP 609. Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) ¹ See Kinds Codes of USPTO Patent Documents at www.uspto.gov; USPTO 601 (04) ² Enter office issuing the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must provide the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant to place a check mark here if English language translation is attached.

1. **CLASSIFICATION** (a) **IPC Class.** (b) **US Class.** (c) **US Class. (if not in (b))** (d) **US Class. (if not in (b) or (c))** (e) **US Class. (if not in (b), (c), or (d))** (f) **US Class. (if not in (b), (c), (d), or (e))** (g) **US Class. (if not in (b), (c), (d), (e), or (f))** (h) **US Class. (if not in (b), (c), (d), (e), (f), or (g))** (i) **US Class. (if not in (b), (c), (d), (e), (f), (g), or (h))** (j) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), or (i))** (k) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), or (j))** (l) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), or (k))** (m) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), or (l))** (n) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), or (m))** (o) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), or (n))** (p) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), or (o))** (q) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), or (p))** (r) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), or (q))** (s) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), or (r))** (t) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), or (s))** (u) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), or (t))** (v) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), or (u))** (w) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), or (v))** (x) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), or (w))** (y) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), or (x))** (z) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), or (y))** (aa) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), or (z))** (ab) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), or (aa))** (ac) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), or (ab))** (ad) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), or (ac))** (ae) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), or (ad))** (af) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), or (ae))** (ag) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), or (af))** (ah) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), or (ag))** (ai) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), or (ah))** (aj) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), or (aj))** (ak) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), or (ak))** (al) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), or (al))** (am) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), or (am))** (an) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), or (an))** (ao) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), (an), or (ao))** (ap) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), (an), (ao), or (ap))** (aq) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), (an), (ao), (ap), or (aq))** (ar) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), (an), (ao), (ap), (aq), or (ar))** (as) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), (an), (ao), (ap), (aq), (ar), or (as))** (at) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am), (an), (ao), (ap), (aq), (ar), (as), or (at))** (au) **US Class. (if not in (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s), (t), (u), (v), (w), (x), (y), (z), (aa), (ab), (ac), (ad), (ae), (af), (ag), (ah), (aj), (ak), (al), (am),**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTC

(Use as many sheets as necessary)

Application Number 09/981,182
Filing Date October 16, 2001
First Named Inventor John Schnizlein
Art Unit 2131
Examiner Name Moorthy, A.
Attorney Docket Number 50325-0560

Sheet 3

of 3

Complete if Known

[illegible][illegible]

Examiner Signature	/Aravind Moorthy/	Date Considered	12/04/2008
-----------------------	-------------------	--------------------	------------

***EXAMINER** Initial reference considered; whether or not citation was made with compliance with MPEP 608. Draw line through citation if not in conference and not considered. Induse copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at: www.uspto.gov, and MPEP 901A.4 [Enter Office that issued the document, by the file-number code (WIPO Standard ST.3) : For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document (USPTO Standard ST.16 if possible). Applicant to place a check mark, here in English language translation is attached.

The undersigned hereby certifies that the information contained herein is true and correct, and that the invention described herein is new, useful and non-obvious over the prior art known to the inventor at the time of filing this application. The undersigned further certifies that the information contained herein is true and correct, and that the invention described herein is new, useful and non-obvious over the prior art known to the inventor at the time of filing this application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this duration, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Washington, DC 20516-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.